

Genomic structure of HA4 genes

Mouse Chromosome 15

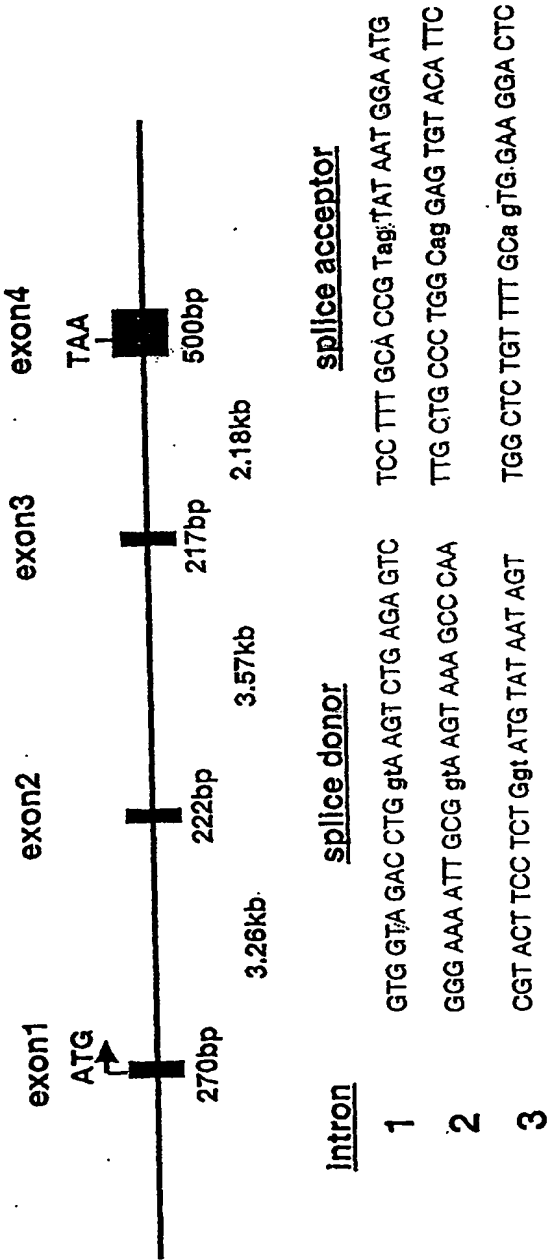


FIG. 1

## Northern blot analysis of HA4 expression in adult mouse tissues

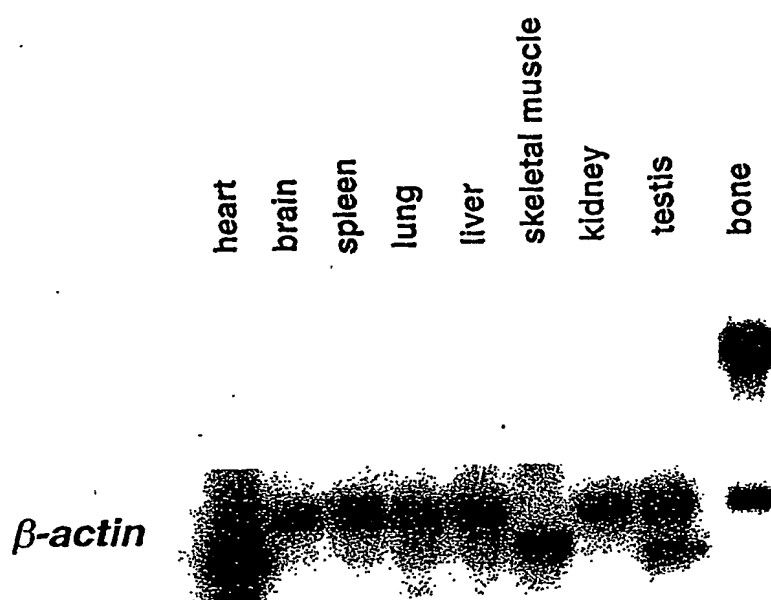


FIG. 2

# Northern blot analysis of HA4 expression during mouse embryogenesis

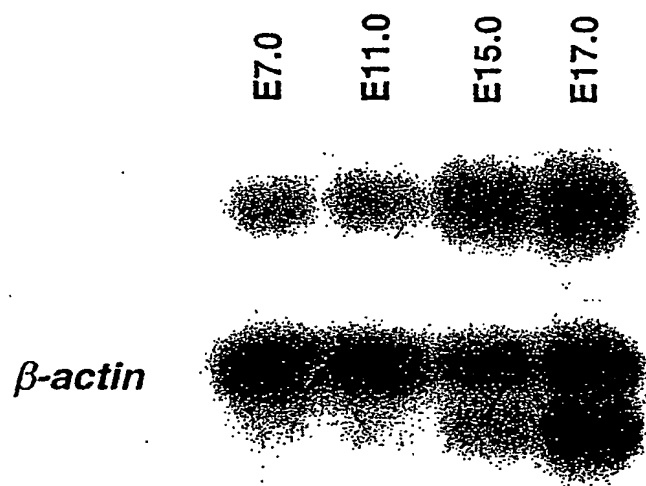
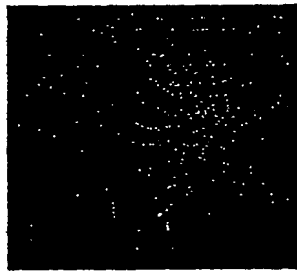


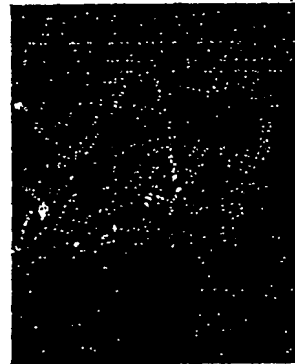
FIG. 3

## In situ hybridization of HA4

E13.5



E16.5



**FIG. 4**

# **X-gal staining (HA4 heterozygous embryos)**



**FIG. 5**

## X-gal staining (HA4 heterozygous embryo)

E15.5



**FIG. 6**

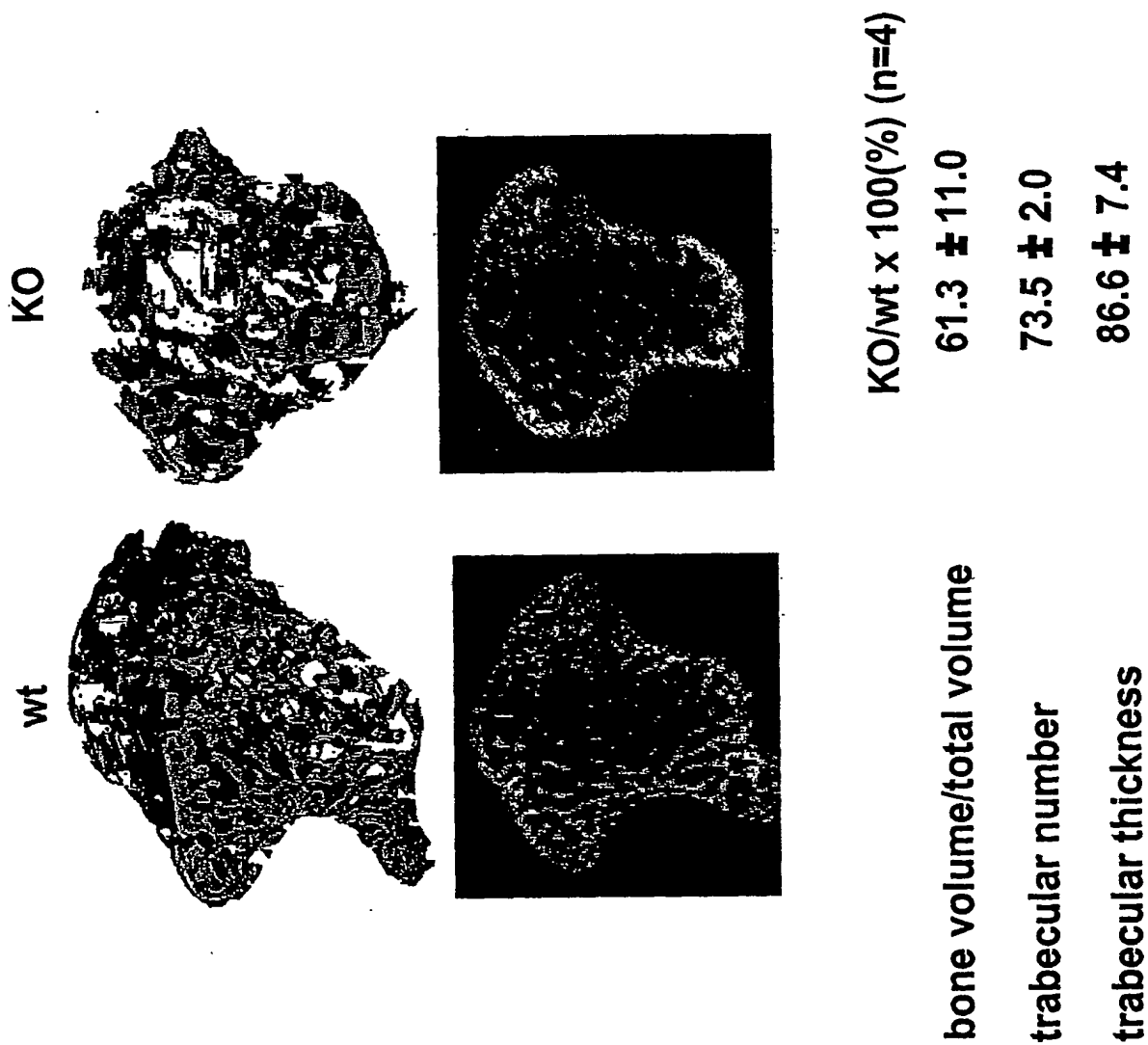


FIG. 7

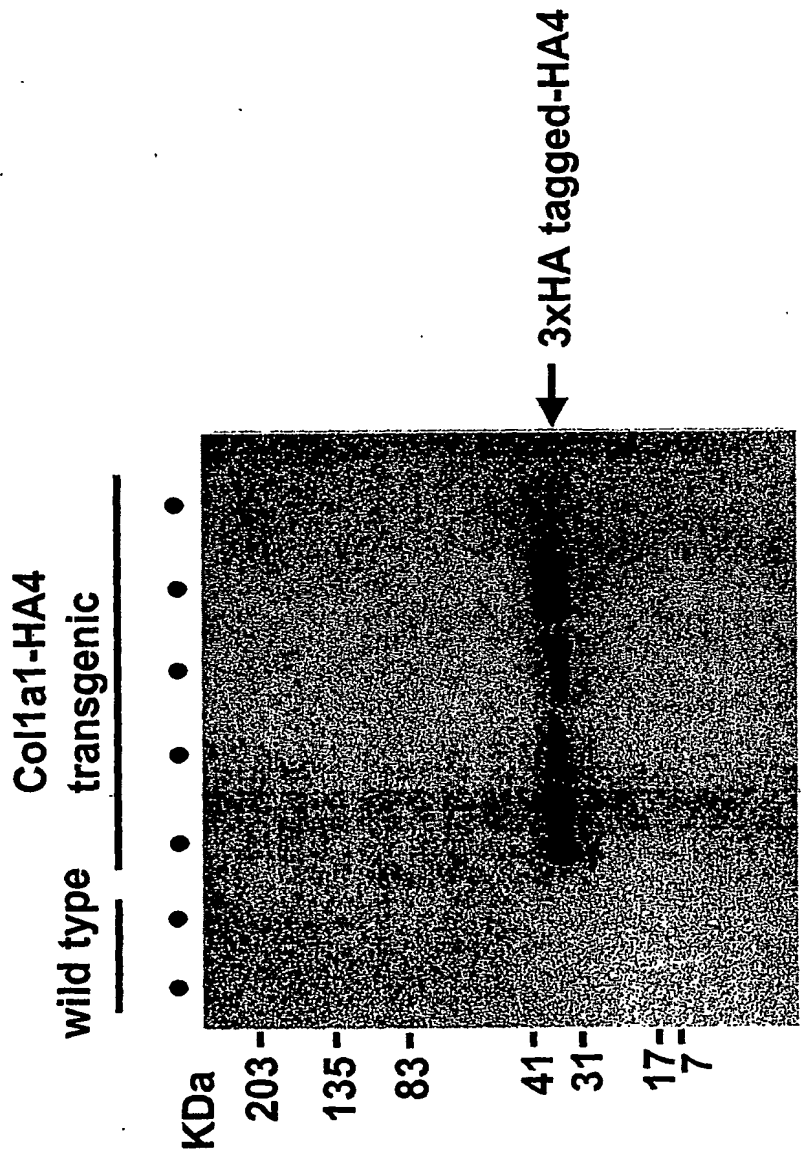


FIG. 8



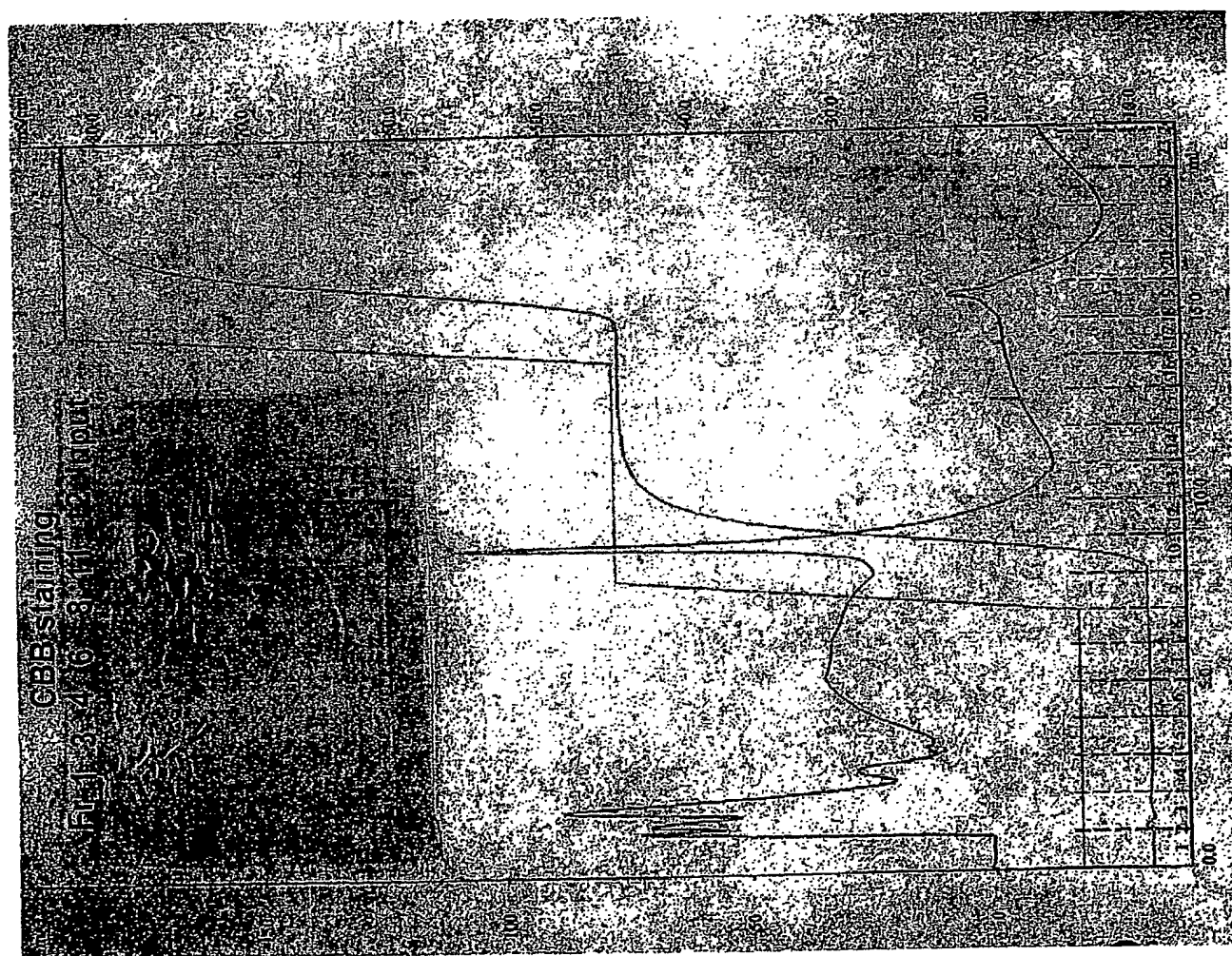


FIG. 9